

Product datasheet for **RC201418A1V**

Human CCM2 (NM_031443) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CCM2 (NM_031443) AAV Particle
Tag:	Myc-DDK
Symbol:	CCM2
Synonyms:	C7orf22; OSM; PP10187
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201418 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

 ATGGAAGAGGAGGGCAAGAAGGGCAAGAAGCCTGGAATTGTCTCGCCATTTAAACGAGTATTCCTAAAAG
GTGAAAAGAGTAGAGATAAGAAAAGCCCATGAGAAGGTGACAGAGAGGCGCCCTCTGCACACTGTGGTGTT
GTCATTGCCTGAGCGCGTCGAGCCAGACAGACTGCTGAGCGACTATATTGAGAAGGAGGTAAAGTATTTA
GGTCAGTTAACGTCCATACCAGGATACCTGAATCCCTCCAGTAGGACTGAAATCCTGCATTTATAGACA
ATGCAAAGAGAGCCACCAGCTTCCGGGACACTTGACTCAGGAGCAGCATGCTGTGCTCAGCCTGTCTGC
GTACAACGTCAAGCTGGCCTGGAGGGACGGGGAGGATATCATCCTCAGGGTGGCCATCCATGACATCGCC
GCCGTCTCCTATGTTCCGGATGACGCTGCACACCTGGTGGTCTGAAGACAGCCAGGACCCAGGATCT
CCCCACGCCAGAGTCTGTGTGCGGAAAGTTCCAGAGGCCTCAGTGCAGGCTCCCTGTCGGAGAGTGCAGT
TGGGCCCGTGGAGGCATGCTGCCTGGTATCCTGGCTGCAGAGAGCAAGGTGCTGCGGAGGAGCTTTGC
TGTCTGCTAGGCCAGGTCTTCCAGGTTGTTTACACGGAGTCCACCATCGACTTTCTGGACAGAGCGATAT
TTGATGGGGCCTCTACCCCGACCCACCCTGTCCCTGCACAGCGATGACTCTTCTACAAAAGTGGACAT
TAAGGAGACCTACGAGGTGGAAGCCAGCACTTTCTGCTTCCCTGAATCTGTGGATGTGGGTGGTGCATCA
CCCCACAGCAAGACCATCAGTGAGAGCGAGCTGAGCGCCAGCGCCACTGAGCTGCTGCAGGACTACATGC
TGACGCTGCGCACCAAGCTGTATCACAGGAGATCCAGCAGTTTGACGACTGCTGCACGAGTACCGCAA
TGGGGCCTCTATCCACGAGTTCTGCATCAACCTGCGGCAGCTCTACGGGGACAGCCGCAAGTTCTGTCTG
CTTGGTCTGAGGCCCTTCATCCCTGAGAAGGACAGCCAGCACTTCGAGAACTTCTGGAGACCATTGGCG
TGAAGGATGGCCGCGCATCATCACTGACAGCTTTGGCAGGCACCGCGGGCCCTGAGCACCACATCCAG
TTCCACCACCAATGGGAACAGGGCCACGGGCAGCTCTGATGACCGGTGCGCACCCCTCAGAGGGGGATGAG
TGGGACCGCATGATCTCGGACATCAGCAGCGACATTGAGGCGCTGGGCTGCAGCATGGACCAGGACTCAG
CA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201418 protein sequence

Red=Cloning site Green=Tags(s)

 MEEEGKKGKKPGIVSPFKRVFLKGEKSRDKKAHEKVTERPLHTVVLSPERVEPDRLLSDYIEKEVKYL
GQLTSIPGYLNPSSRTEILHFIDNAKRAHQLPGHLTQEHDAVLSLAYNVKLAWRDGEDIIILRVPIHDI
AVSYVRDDAHLVVLKTAQDPGISPSQSLCAESSRGLSAGSLSESAVGPEACCLVILAAESKVAEEELC
CLLGQVFQVYTESTIDFLDRAIFDGASTPTHHLHLSDDSSTKVVDIKETYEVEASTFCFPESVDVGGAS
PHSKTISESELSASATELLQDYMLTLRTKLSSQEIQQFAALLHEYRNGASIEHFCINLRQLYGDSTRKFL
LGLRPFIPKDSQHFENFLETIGVKDGRGIITDSFGRHRRALSTTSSTTNGNRATGSSDDRSAPSEGDE
WDRMISDISSDIEALGCSMDQDSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_031443

ORF Size:

1332 bp

Buffer:

PBS with 0.001% Pluronic F68

Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_031443.3</u>
RefSeq Size:	1904 bp
RefSeq ORF:	1335 bp
Locus ID:	83605
UniProt ID:	<u>Q9BSQ5</u>
Cytogenetics:	7p13
MW:	48.8 kDa